


```

RESULT 2
US-08-677-010-2/c
: Sequence 2, Application US/08677010
: Patent No. 5925805
: GENERAL INFORMATION:
: APPLICANT: Ohlroque, John B.
: APPLICANT: Roesler, Keith R.
: APPLICANT: Shorosh, Basil S.
: TITLE OF INVENTION: Structure and Expression of an
: TITLE OF INVENTION: Arabidopsis Acetyl-coenzyme A Carboxylase Gene
: NUMBER OF SEQUENCES: 3
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
: STREET: P.O. Box 828
: CITY: Bloomfield Hills
: STATE: Michigan
: COUNTRY: U.S.A.
: ZIP: 48303
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/677,010
: FILING DATE:
: CLASSIFICATION: 800
: ATTORNEY/AGENT INFORMATION:
: NAME: Smith, Deann F.
: REGISTRATION NUMBER: 36683
: REFERENCE/DOCKET NUMBER: 6550-00002CPA
: TELEPHONE: (810)641-1600
: TELEPHONE: (810)641-0270
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 6765 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
US-08-677-010-2
: Alignment Scores:
: Pred. No.: 842 Length: 6765
: Score: 35.00 Matches: 6
: Percent Similarity: 100.00% Conservative: 3
: Best Local Similarity: 66.67% Mismatches: 0
: Query Match: 63.64% Indels: 0
: DB: 2 Gaps: 0
US-09-856-070-23 (1-11) x US-08-677-010-2 (1-6765)
QY 1 GluLeuMetLeuArgLeuGlnAspTyr 9
|||||:|||||:|||||:|||||:
Db 5437 GAATTCGATACCCCTCAAGATCAT 5411
RESULT 3
US-08-790-519-2/c
: Sequence 2, Application US/08790519
: Patent No. 5962767
: GENERAL INFORMATION:
: APPLICANT: Ohlroque, John B.
: APPLICANT: Roesler, Keith R.
: APPLICANT: Shorosh, Basil S.
: TITLE OF INVENTION: Structure and Expression of an
: TITLE OF INVENTION: Arabidopsis Acetyl-coenzyme A Carboxylase Gene
: NUMBER OF SEQUENCES: 3
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Harness, Dickey & Pierce
: STREET: P.O. Box 828
: CITY: Bloomfield Hills
: STATE: Michigan

```

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: COUNTRY: U.S.A.
: ZIP: 48303
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/790,519
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/248,630
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Smith, Deann F.
: REGISTRATION NUMBER: 36683
: REFERENCE/DOCKET NUMBER: 6550-00002
: TELEPHONE: (810)641-1600
: TELEPHONE: (810)641-0270
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 6765 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
US-08-790-519-2
: Alignment Scores:
: Pred. No.: 842 Length: 6765
: Score: 35.00 Matches: 6
: Percent Similarity: 100.00% Conservative: 3
: Best Local Similarity: 66.67% Mismatches: 0
: Query Match: 63.64% Indels: 0
: DB: 2 Gaps: 0
US-09-856-070-23 (1-11) x US-08-790-519-2 (1-6765)
QY 1 GluLeuMetLeuArgLeuGlnAspTyr 9
|||||:|||||:|||||:|||||:
Db 5437 GAATTCGATACCCCTCAAGATCAT 5411
RESULT 4
US-08-677-010-1/c
: Sequence 1, Application US/08677010
: Patent No. 5925805
: GENERAL INFORMATION:
: APPLICANT: Ohlroque, John B.
: APPLICANT: Roesler, Keith R.
: APPLICANT: Shorosh, Basil S.
: TITLE OF INVENTION: Structure and Expression of an
: TITLE OF INVENTION: Arabidopsis Acetyl-coenzyme A Carboxylase Gene
: NUMBER OF SEQUENCES: 3
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
: STREET: P.O. Box 828
: CITY: Bloomfield Hills
: STATE: Michigan
: COUNTRY: U.S.A.
: ZIP: 48303
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/677,010
: FILING DATE:
: CLASSIFICATION: 800
: ATTORNEY/AGENT INFORMATION:
: NAME: Smith, Deann F.

```

REGISTRATION NUMBER: 36683
 REFERENCE/DOCKET NUMBER: 6550-00002CPA
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (810)641-1600
 TELEFAX: (810)641-0270
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9581 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-677-010-1

Alignment Scores:
 Pred. No.: 1,27e+03 Length: 9581
 Score: 35.00 Matches: 6
 Percent Similarity: 100.00%
 Best Local Similarity: 66.67%
 Query Match: 63.64%
 Indels: 0
 Gaps: 0

US-09-856-070-23 (1-11) x US-08-677-010-1 (1-9581)

QY 1 GluLeuMetLeuArgLeuGlnAspTyr 9
 DB 8151 GAATGGCTCATACCCCTTCAAGATCAT 8125

RESULT 5
 US-08-790-519-1/c
 Sequence 1, Application US/08790519
 Patent No. 5962767
 GENERAL INFORMATION:
 APPLICANT: Ohlrogge, John B.
 APPLICANT: Roesler, Keith R.
 APPLICANT: Shorrock, Basil S.
 TITLE OF INVENTION: Structure and Expression of an Arabidopsis Acetyl-Coenzyme A Carboxylase Gene
 TITLE OF INVENTION: Arabidopsis Acetyl-Coenzyme A Carboxylase Gene
 NUMBER OF SEQUENCES: 3
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Harbeck, Dickey & Pierce
 STREET: P.O. Box 828
 CITY: Bloomfield Hills
 STATE: Michigan
 COUNTRY: U.S.A.
 ZIP: 48303
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/790,519
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/248,630
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Smith, DeAnn F.
 REGISTRATION NUMBER: 36684
 REFERENCE/DOCKET NUMBER: 6550-00002
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (810)641-1600
 TELEFAX: (810)641-0270
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9581 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-790-519-1

Alignment Scores:
 Pred. No.: 1,27e+03 Length: 9581
 Score: 35.00 Matches: 6
 Percent Similarity: 100.00%
 Best Local Similarity: 66.67%
 Query Match: 63.64%
 Indels: 0
 Gaps: 0

US-09-856-070-23 (1-11) x US-08-790-519-1 (1-9581)

QY 1 GluLeuMetLeuArgLeuGlnAspTyr 9
 DB 8151 GAATGGCTCATACCCCTTCAAGATCAT 8125

RESULT 6
 US-09-254-023B-2
 Sequence 1, Application US/99254023B
 Patent No. 6225077
 GENERAL INFORMATION:
 APPLICANT: THOMPSON, Gunter
 TITLE OF INVENTION: CHARACTERISING DNA
 NUMBER OF SEQUENCES: 41
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Burns, Doane, Swecker & Mathis, LLP
 STREET: P.O. Box 1404
 CITY: Alexandria
 STATE: Virginia
 COUNTRY: United States
 ZIP: 22314-1404
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/99/254,023B
 FILING DATE: 20-Apr-1999
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: WO PCT/GB97/02403
 FILING DATE: 05-SEP-1997
 APPLICATION NUMBER: GB 9618544.2
 FILING DATE: 05-SEP-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Rea, Teresa Stanek
 REGISTRATION NUMBER: 30,427
 REFERENCE/DOCKET NUMBER: 9,066,090-275
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-6620
 TELEFAX: (703) 836-2021
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 270 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-254-023B-2

Alignment Scores:
 Pred. No.: 31.3 Length: 270
 Score: 34.00 Matches: 6
 Percent Similarity: 100.00%
 Best Local Similarity: 75.00%
 Query Match: 61.82%
 Indels: 0
 Gaps: 0

US-09-856-070-23 (1-11) x US 99-254 023B 2 (1-270)

QY 4 LeuArgLeuGlnAspTyrGluGlu 11

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1b 78 CTGAGATCCAGGAATATGAGGAT 101
RESULT 7
US-08-611-107-11/c
: Sequence 11, Application US/08611107
: Patent No. 5801233
: GENERAL INFORMATION:
: APPLICANT: Haselkorn, Robert
: TITLE OF INVENTION: NUCLEIC ACID COMPOSITIONS ENCODING
: TITLE OF INVENTION: ACETYL-CoA CARBOXYLASE AND USES
: NUMBER OF SEQUENCES: 40
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Arnold, White & Durkee
: STREET: P.O. Box 4433
: CITY: Houston
: STATE: Texas
: COUNTRY: United States of America
: ZIP: 77210
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/611-107
: FILING DATE: Concurrently Herewith
: CLASSIFICATION: 800
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US SN 07/956,700
: FILING DATE: 02-OCT-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US PCT/US94/09340
: FILING DATE: 30-SEP-1993
: APPLICATION DATA:
: APPLICATION NUMBER: US SN 08/422,560
: FILING DATE: 14-APR-1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Kitchell, Barbara S.
: REGISTRATION NUMBER: 33,928
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (512) 418-3000
: TELEFAX: (512) 474-7577
: INFORMATION FOR SEQ ID NO: 11:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 984 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
US-08-611-107-11
Alignment Scores:
Prod. No.: 144 Length: 984
Score: 34.00 Matches: 6
Percent Similarity: 90.91% Conservative: 4
Best Local Similarity: 54.55% Mismatches: 1
Query Match: 61.82% Indels: 0
DB: 1 Gaps: 0
US-09-856-070-23 (1-11) x US-08-611-107-11 (1-984)
QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
||||||| ||||||| |||||||
1b 718 GAATTCATGGCAGGCTTCGAGATGACCAACAG 686
RESULT 8
US-08-422-560A-11/c
: Sequence 11, Application US/08422560A
: Patent No. 5910626
: GENERAL INFORMATION:
: APPLICANT: Haselkorn, Robert
: TITLE OF INVENTION: NUCLEIC ACID COMPOSITIONS ENCODING
: TITLE OF INVENTION: ACETYL-CoA CARBOXYLASE AND USES
: NUMBER OF SEQUENCES: 40
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Arnold, White & Durkee
: STREET: P.O. Box 4433
: CITY: Houston
: STATE: Texas
: COUNTRY: United States of America
: ZIP: 77210
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/422,560A
: FILING DATE: 14-APR-1995
: CLASSIFICATION: 800
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/956,700
: FILING DATE: 02-OCT-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Wilson, Mark B.
: REGISTRATION NUMBER: 37,259
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 512-418-3000
: TELEFAX: 512-474-7577
: INFORMATION FOR SEQ ID NO: 11:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 984 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
US-08-422-560A-11
Alignment Scores:
Prod. No.: 144 Length: 984
Score: 34.00 Matches: 6
Percent Similarity: 90.91% Conservative: 4
Best Local Similarity: 54.55% Mismatches: 1
Query Match: 61.82% Indels: 0
DB: 2 Gaps: 0
US-09-856-070-23 (1-11) x US-08-422-560A-11 (1-984)
QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
||||||| ||||||| |||||||
1b 718 GAATTCATGGCAGGCTTCGAGATGACCAACAG 686
RESULT 9
US-08-468-793-11/c
: Sequence 11, Application US/08468793
: Patent No. 6177267
: GENERAL INFORMATION:
: APPLICANT: Haselkorn, Robert
: TITLE OF INVENTION: NUCLEIC ACID COMPOSITIONS ENCODING
: TITLE OF INVENTION: ACETYL-CoA CARBOXYLASE AND USES
: NUMBER OF SEQUENCES: 29
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Arnold, White & Durkee
: STREET: P.O. Box 4433
: CITY: Houston
: STATE: Texas
: COUNTRY: United States of America
: ZIP: 77210
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: Patent In Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/422,560A
: FILING DATE: 14-APR-1995
: CLASSIFICATION: 800
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/956,700
: FILING DATE: 02-OCT-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Wilson, Mark B.
: REGISTRATION NUMBER: 37,259
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 512-418-3000
: TELEFAX: 512-474-7577
: INFORMATION FOR SEQ ID NO: 11:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 984 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
US-08-422-560A-11
Alignment Scores:
Prod. No.: 144 Length: 984
Score: 34.00 Matches: 6
Percent Similarity: 90.91% Conservative: 4
Best Local Similarity: 54.55% Mismatches: 1
Query Match: 61.82% Indels: 0
DB: 2 Gaps: 0
US-09-856-070-23 (1-11) x US-08-422-560A-11 (1-984)
QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
||||||| ||||||| |||||||
1b 718 GAATTCATGGCAGGCTTCGAGATGACCAACAG 686

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Alignment Scores:
 Pred. No.: 184 Length: 1215
 Score: 34.00 Matches: 7
 Percent Similarity: 81.82% Conservative: 2
 Best Local Similarity: 63.64% Mismatches: 2
 Query Match: 61.82% Indels: 0
 DB: 5 Gaps: 0

US-09-856-070-23 (1 11) x PAT-US91-00899-5 (1 1215)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11

||||| ||||||| ||||||| ||||||| |||||||

DB 409 GAGGTGATGCGGCGTGTGGACTACAGGAG 441

RESULT 12

US-07-914-281-9

: Sequence 9, Application US/07914281

: Patent No. 5324663

: GENERAL INFORMATION:

: APPLICANT: LOWE, JOHN B.

: TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

: TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

: TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

: TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU

: NUMBER OF SEQUENCES: 14

: CORRESPONDENCE ADDRESS:

: ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,

: STREET: 1755 Jefferson Davis Highway, Fourth Floor

: CITY: Arlington

: STATE: Virginia

: COUNTRY: U.S.A.

: ZIP: 22202

: COMPUTER READABLE FORM:

: MEDIUM TYPE: Floppy disk

: COMPUTER: IBM PC compatible

: OPERATING SYSTEM: PC-DOS/MS-DOS

: SOFTWARE: Patent In Release #1.0, Version #1.25

: CURRENT APPLICATION DATA:

: APPLICATION NUMBER: US/07/914,281

: FILING DATE: 19920720

: CLASSIFICATION: 530

: ATTORNEY/AGENT INFORMATION:

: NAME: Lavalleye, Jean-Paul M. P.

: REGISTRATION NUMBER: 41,451

: REFERENCE/DOCKET NUMBER: 2363-060-55

: TELECOMMUNICATION INFORMATION:

: TELEPHONE: (703)521-4500

: TELEFAX: (703)486-2347

: TELEX: 248855 OPAT UR

: INFORMATION FOR SEQ ID NO: 9:

: SEQUENCE CHARACTERISTICS:

: LENGTH: 1488 base pairs

: TYPE: NUCLEIC ACID

: STRANDEDNESS: unknown

: TOPOLOGY: unknown

: MOLECULE TYPE: DNA (genomic)

US-07-914-281-9

Alignment Scores:
 Pred. No.: 244 Length: 1488
 Score: 34.00 Matches: 7
 Percent Similarity: 81.82% Conservative: 2
 Best Local Similarity: 63.64% Mismatches: 2
 Query Match: 61.82% Indels: 0
 DB: 1 Gaps: 0

US-09-856-070-23 (1 11) x US-07-914-281-9 (1-1488)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11

||||| ||||||| ||||||| ||||||| |||||||

DB 682 GAGGTGATGCGGCGTGTGGACTACAGGAG 714

RESULT 13

US-08-393-246-9

: Sequence 9, Application US/08393246

: Patent No. 5595000

: GENERAL INFORMATION:

: APPLICANT: LOWE, JOHN B.

: TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

: TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

: TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

: TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU

: NUMBER OF SEQUENCES: 14

: CORRESPONDENCE ADDRESS:

: ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,

: STREET: 1755 Jefferson Davis Highway, Fourth Floor

: CITY: Arlington

: STATE: Virginia

: COUNTRY: U.S.A.

: ZIP: 22202

: COMPUTER READABLE FORM:

: MEDIUM TYPE: Floppy disk

: COMPUTER: IBM PC compatible

: OPERATING SYSTEM: PC-DOS/MS-DOS

: SOFTWARE: Patent In Release #1.0, Version #1.25

: CURRENT APPLICATION DATA:

: APPLICATION NUMBER: US/08/393,246

: FILING DATE:

: CLASSIFICATION: 530

: PRIOR APPLICATION DATA:

: APPLICATION NUMBER: US 08/220,433

: FILING DATE: 30-MAR-1994

: APPLICATION NUMBER: US 07/914,281

: FILING DATE: 20 JUL 1992

: ATTORNEY/AGENT INFORMATION:

: NAME: Lavalleye, Jean-Paul M. P.

: REGISTRATION NUMBER: 31,451

: REFERENCE/DOCKET NUMBER: 2363-060-55

: TELECOMMUNICATION INFORMATION:

: TELEPHONE: (703)521-4500

: TELEFAX: (703)486-2347

: TELEX: 248855 OPAT UR

: INFORMATION FOR SEQ ID NO: 9:

: SEQUENCE CHARACTERISTICS:

: LENGTH: 1488 base pairs

: TYPE: nucleic acid

: STRANDEDNESS: unknown

: TOPOLOGY: unknown

: MOLECULE TYPE: DNA (genomic)

US-08-393-246-9

Alignment Scores:

Pred. No.: 244 Length: 1488
 Score: 34.00 Matches: 7
 Percent Similarity: 81.82% Conservative: 2
 Best Local Similarity: 63.64% Mismatches: 2
 Query Match: 61.82% Indels: 0
 DB: 1 Gaps: 0

US-09-856-070-23 (1-11) x US-08-393-246-9 (1-1488)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11

||||| ||||||| ||||||| ||||||| |||||||

DB 682 GAGGTGATGCGGCGTGTGGACTACAGGAG 714

RESULT 14

US-08-525-058A-9

: Sequence 9, Application US/08525058A

: Patent No. 5770420

: GENERAL INFORMATION:

: APPLICANT: LOWE, JOHN B.

: TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

: TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

? TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 ? OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
 ? NUMBER OF SEQUENCES: 23
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
 ? STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ? CITY: Arlington
 ? STATE: Virginia
 ? COUNTRY: U.S.A.
 ? ZIP: 22202
 ? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: Patent In Release #1.0, Version #1.25
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/08/525,058A
 ? FILING DATE:

? CLASSIFICATION: 435

? ATTORNEY/AGENT INFORMATION:

? NAME: Lavalleye, Jean-Paul M. P.

? REGISTRATION NUMBER: 31,451

? REFERENCE/DOCKET NUMBER: 2363-060-55

? TELECOMMUNICATION INFORMATION:

? TELEPHONE: (703)521-4500

? TELEFAX: (703)486-2347

? INFORMATION FOR SEQ ID NO: 9:

? SEQUENCE CHARACTERISTICS:

? LENGTH: 1488 base pairs

? TYPE: nucleic acid

? STRANDEDNESS: double

? TOPOLOGY: linear

? MOLECULE TYPE: DNA (genomic)

? US-08-525-058A-9

Alignment Scores:

Pred. No.:	234	Length:	1488
Score:	34.00	Matches:	7
Percent Similarity:	81.82%	Conservative:	2
Best Local Similarity:	63.64%	Mismatches:	2
Query Match:	61.82%	Indels:	0
DB:	1	Caps:	0

US-09-856-070-23 (1-11) x US 08 525-058A-9 (1-1488)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11

||||| ||||| ||||| ||||| |||||

DB 682 GACGGGATCTGCGGGGCTTTCACACTAGGAGGAG 714

RESULT 15

US-08-696-731-9

? Sequence 9, Application US/08696731

? Patent No. 5955347

? GENERAL INFORMATION:

? APPLICANT: LOWE, JOHN R.

? TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

? OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

? TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

? OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU

? NUMBER OF SEQUENCES: 14

? CORRESPONDENCE ADDRESS:

? ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,

? ADDRESSEE: P.C.

? STREET: 1755 Jefferson Davis Highway, Fourth Floor

? CITY: Arlington

? STATE: Virginia

? COUNTRY: U.S.A.

? ZIP: 22202

? COMPUTER READABLE FORM:

? MEDIUM TYPE: Floppy disk

? COMPUTER: IBM PC compatible

? OPERATING SYSTEM: PC-DOS/MS-DOS

? SOFTWARE: Patent In Release #1.0, Version #1.25

? CURRENT APPLICATION DATA:

? APPLICATION NUMBER: US/08/696,731

? FILING DATE: 14-AUG-1996

? CLASSIFICATION: 435

? PRIOR APPLICATION DATA:

? APPLICATION NUMBER: 08/393,246

? FILING DATE:

? APPLICATION NUMBER: US 08/220,433

? FILING DATE: 30-MAR-1994

? APPLICATION NUMBER: US 07/914,281

? FILING DATE: 20-JUL-1992

? ATTORNEY/AGENT INFORMATION:

? NAME: Lavalleye, Jean-Paul M. P.

? REGISTRATION NUMBER: 31,451

? REFERENCE/DOCKET NUMBER: 2363-060-55

? TELECOMMUNICATION INFORMATION:

? TELEPHONE: (703)521-4500

? TELEFAX: (703)486-2347

? TELE: 248855 OPAT UK

? INFORMATION FOR SEQ ID NO: 9:

? SEQUENCE CHARACTERISTICS:

? LENGTH: 1488 base pairs

? TYPE: nucleic acid

? STRANDEDNESS: unknown

? TOPOLOGY: unknown

? MOLECULE TYPE: DNA (genomic)

? US-08-696-731-9

Alignment Scores:

Pred. No.: 234

Length: 1488

Score: 34.00

Matches: 7

Percent Similarity: 81.82%

Conservative: 2

Best Local Similarity: 63.64%

Mismatches: 2

Query Match: 61.82%

Indels: 0

DB: 2

Caps: 0

US-09-856-070-23 (1-11) x US-08-696-731-9 (1-1488)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11

||||| ||||| ||||| ||||| |||||

DB 682 GACGGGATCTGCGGGGCTTTCACACTAGGAGGAG 714

Search completed: January 16, 2003, 21:41:31

Job Time : 40.7143 secs

